

May 15, 2002

AN ORDINANCE

BY: TRANSPORTATION COMMITTEE

02- 0 -0715

AN ORDINANCE AUTHORIZING THE MAYOR OR HER DESIGNEE
TO MAKE THE INTERSECTION OF HARDENDORF AVENUE, N.E.
AND MARLBROOK DRIVE AN ALL-WAY STOP.

WHEREAS, HARDENDORF AVENUE, N.E. AND MARLBROOK DRIVE meets the
warrants for installation of an ALL-WAY Stop.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF
ATLANTA, as follows:

SECTION 1. That the intersection of HARDENDORF AVENUE, N.E. AND
MARLBROOK DRIVE be made an ALL-WAY STOP with STOP
signs installed on all approaches to the intersection.

SECTION 2. That all ordinances and parts of ordinances in conflict herewith
be and the same are hereby repealed.

TRANSMITTAL FORM FOR LEGISLATION

To: Greg Pridgeon, Office of the Mayor

From: Department of Public Works

Contact (Names): José Banda *AA*
404-330-6501

Commissioner's Signature: *Harvey J. Tied*

Manager's Signature: *Andre Garcia*

Committee(s) of Purview: Transportation

Committee Deadline: 04/29/02

Committee Meeting Date(s): 05/15/02 & 05/29/02 City Council Meeting Date: 05/20/02

CAPTION: AN ORDINANCE AUTHORIZING THE MAYOR OR HER DESIGNEE TO MAKE THE INTERSECTION OF HARDENDORF AVENUE, N.E. AND MARLBROOK DRIVE AN ALL-WAY STOP.

BACKGROUND/PURPOSE/DISCUSSION: Received request dated September 24, 2001 to install an All-Way Stop at Hardendorf Avenue, N.E. and Marlbrook Drive (COUNCIL DISTRICT 5).

FINANCIAL IMPACT (if any): Cost of (2) STOP signs, (4) ALL-WAY signs and (2) poles = \$100.

Mayor's Staff Only

Received by Mayor's Office: *4-25-02*

(Date)

Reviewed by: *98*

(Initials)

(Date)

Submitted to Council: _____

(Date)

Action by Committee: Approved _____ Adversed _____ Held _____ Amended _____

Substitute _____ Referred _____ Other _____

CODE 0107 A
ZONE _____
INT# _____

REPORT OF TRAFFIC PROBLEM
Bureau of Traffic and Transportation
Atlanta, Georgia

ROTP# 1688
SPECIAL? _____
ORDINANCE 1RS

Phone ✓ Office _____ Letter _____ FAX _____

LOCATION

HARDENDORF AVENUE, N.E. AND MARLBROOK DRIVE
HARDENDORF AVENUE, N.E. AND HARRIET AVENUE

REPORTED BY Asher VILENSKI

Organization _____

Address _____

Phone (404) 648-9550

CONDITION REPORTED

Date Reported 9/24/2001

Mr. Vilenski reports that people use the above locations as a cut-through and they do excessive speeding. He mentioned that other nearby locations ^{were} granted 4-way stop installations as well. He is requesting "All-Way" stop installation for the above locations.

District #

That the intersection of Hardendorf Avenue, NE and Marlbrook Drive be made All-way stop

* Marlbrook Drive / Hardendorf Ave met 5 hours of warrants
Marlbrook Drive / Harriet Ave met 2 hours of warrants

ACTION TAKEN

Date Completed 3/27/02

W.O. to install All-way stop the week of April 18, 2001.

W.O. to install stop ahead signs the week of April 18, 2001.

Signs # 801-804

Carother 9/26

Handled By

Carother

RESIDENTIAL ALL-WAY STOP WARRANT ANALYSIS

NUMBER OF CORRECTABLE ACCIDENTS:	0	INTERSECTION:	Major St.	Minor St.	Quad.
NUMBER OF APPROACHES	4	STREET CLASSIFICATION	Hardendorf Ave	Marlbrook Dr	N.E.
ACTUAL SIGHT DISTANCE (SD), FEET	103	STREET DIRECTION	local	local	
POSTED SPEED LIMIT (SL), MPH	25	PERCENTAGE REQ.	N-S	E-W	
REQUIRED SD BASED ON POSTED SL, MPH	250	Direction of the most severe SD on stop street is:	40%	N/A	

Time of Day	Hardendorf Ave N/B	S/B	Marlbrook Dr E/B	W/B
1:00	0	1	0	2
2:00	4	1	1	0
3:00	1	1	0	0
4:00	0	0	0	0
5:00	0	0	0	0
6:00	2	3	1	0
7:00	4	0	2	1
8:00	3	4	2	11
9:00	12	5	7	15
10:00	4	4	4	16
11:00	3	4	5	6
12:00	4	4	6	4
13:00	5	2	9	3
14:00	7	5	6	8
15:00	7	8	9	7
16:00	4	8	9	10
17:00	6	9	14	12
18:00	10	9	18	9
19:00	8	16	19	12
20:00	3	9	17	16
21:00	6	7	14	4
22:00	2	5	9	2
23:00	3	2	4	1
24:00	2	1	1	1
TOTAL	100	108	157	140

Traffic Volume, VPD (All Approaches)	Minor Street Volume, VPD
3	2
6	1
2	0
0	0
0	0
6	1
7	3
20	13
39	22
28	20
18	11
18	10
19	12
26	14
31	16
31	19
41	26
46	27
55	31
45	33
31	18
18	11
10	5
5	2
505	297

CRITERIA	POINTS
VOLUME (Req. minimum minor St. traffic vol. = 202 VPD)	2
CORRECTABLE ACCIDENTS	0
SIGHT DISTANCE	3
TOTAL POINTS	5
THIS INTERSECTION HAS MET RESIDENTIAL ALL-WAY STOP WARRANT	

Study Date:	1/10/02	Date Entered by Carothers	3/27/02
Reviewed by:	cpc	Date:	3/27/02
Recommended Action:	Install All-Way Stop the week of April 15, 2002.		

RESIDENTIAL ALL-WAY STOP WARRANT ANALYSIS

NUMBER OF CORRECTABLE ACCIDENTS:	0	INTERSECTION:	Major St. & Minor St.	Quad.
NUMBER OF APPROACHES	4	STREET CLASSIFICATION	Hardendorf Ave local	Harriet Ave local
ACTUAL SIGHT DISTANCE (SD), FEET	201	STREET DIRECTION	N-S	E-W
POSTED SPEED LIMIT (SL), MPH	25	PERCENTAGE REQ.	40%	
REQUIRED SD BASED ON POSTED SL, MPH	250	Direction of the most severe SD on stop street is:		N/A

Time of Day	Hardendorf Ave N/B	Hardendorf Ave S/B	Harriet Ave E/B	Harriet Ave W/B
1:00	1	0	1	0
2:00	1	1	0	1
3:00	1	3	3	0
4:00	0	0	0	0
5:00	0	1	1	0
6:00	2	2	0	0
7:00	1	5	0	1
8:00	3	2	0	1
9:00	7	10	3	6
10:00	4	4	6	1
11:00	6	3	4	0
12:00	5	3	2	1
13:00	3	4	1	2
14:00	5	7	7	4
15:00	7	10	10	3
16:00	5	3	5	3
17:00	9	9	5	3
18:00	5	8	11	7
19:00	18	9	13	6
20:00	6	5	11	6
21:00	8	6	9	2
22:00	6	2	6	2
23:00	1	4	3	0
24:00	1	1	3	0
TOTAL	105	102	104	49

Traffic Volume, VPD (All Approaches)	Minor Street Volume, VPD
2	1
3	1
7	3
0	0
2	1
4	0
7	1
6	1
26	9
15	7
13	4
11	3
10	3
23	11
30	13
16	8
26	8
31	18
46	19
28	17
25	11
16	8
8	3
5	3
360	153

CRITERIA	POINTS
VOLUME (Req. minimum minor SL traffic vol. = 144 VPD)	1
CORRECTABLE ACCIDENTS	0
SIGHT DISTANCE	1
TOTAL POINTS	2

THIS INTERSECTION HAS FAILED RESIDENTIAL ALL-WAY STOP WARRANT

Study Date:	1/10/02	Date Entered by:	Carothers	Date:	3/27/02
Reviewed by:	cpc	Date:	3/27/02		
Recommended Action:	No Further Actions				